

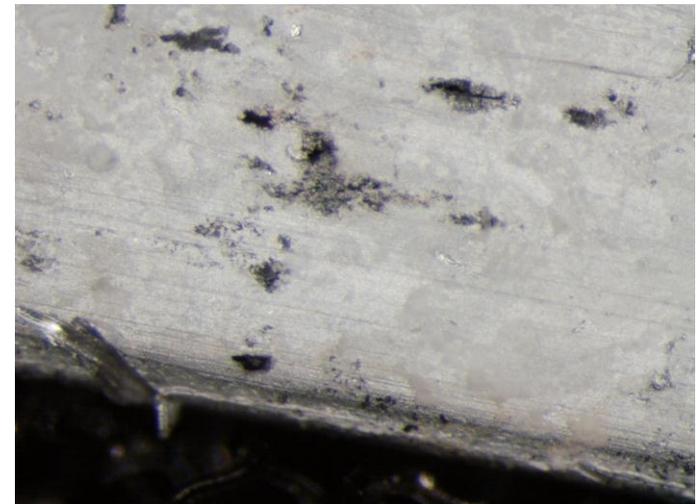
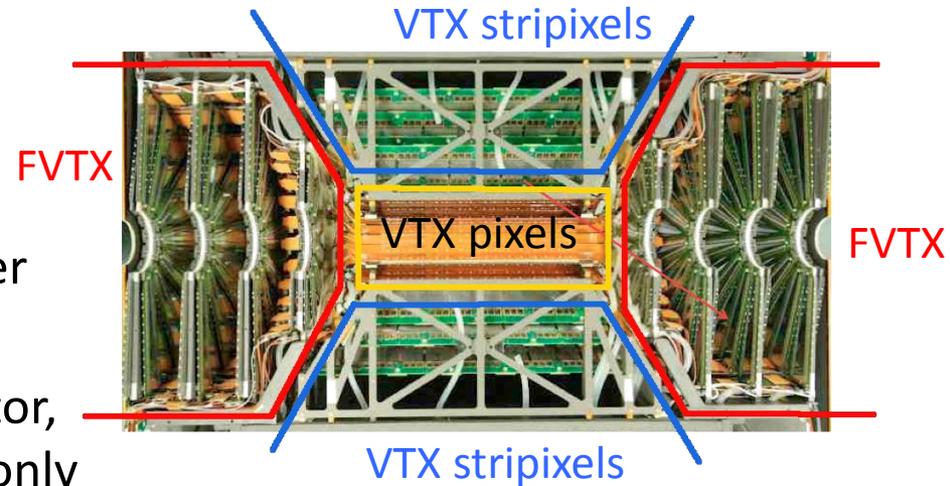


# PHENIX Run-13 status

Hubert van Hecke

# Commissioning continues

- Commissioning was going well in December, but
- Massive leaks were seen in the outer barrel layer of the VTX (stripixels)
- Removed the East half of the detector, disassembled it, reassembled with only the FVTX, and reinstalled in the IR
- Investigation identified galvanic corrosion between carbon and Aluminum as the cause
- VTX pixels (inner 2 barrels) and FVTX don't use Aluminum



# Commissioning continues

- FVTX back and operating (>98% live channels)
- Flammable gas is on since Feb 1, 2-person watch shifts started Jan 22
- Cosmics taken since 4 Feb, ongoing when no beam
- Shielding wall rolled in on 7 Feb, area closed up on 8<sup>th</sup>
- Test runs with all (~20) subsystems today

# Near-term objectives

- When no beam, run cosmics
  - Cosmics are needed to study momentum smearing, charge-sign efficiencies, trigger issues, backgrounds etc.
  - Cosmics will be collected in beam down-time periods throughout the run
- Commission with beam as it arrives
- Access during the day, as needed

